

# **Easwari Engineering College ( Autonomous)**

## **Department of Civil Engineering**

### **List of Publications - 2020**

1. Divyah Nagarajan, Thenmozhi Rajagopal, Neelamegam Meyappan, “Strength properties and durability aspects of Sintered-fly-ash lightweight aggregate concrete”, Materials and technology, PP – 301-310, Jan 2020.-**WOS&SCOPUS**
2. Kannan Rajkumar P.R., Durga Prasad Mathangi, Sudha C, Neelamegam M, “Experimental Investigation of Reactive Powder Concrete exposed to Elevated Temperatures”, Construction and Building Materials 261(5):119593, November 2020, DOI:10.1016/j.conbuildmat.2020.119593- **SCOPUS**
3. N.Divyaha , R.Thenmozhia , M.Neelamegam, “Experimental and Numerical Analysis of Battened Built-up Lightweight Concrete Encased Composite Columns subjected to Axial Cyclic loading” Latin American Journal of Solids and Structures, 2020.-**WOS&SCOPUS**
4. S. LavanyaPrabha, M. Gopalakrishnan, and M. Neelamegam, “Development of High-Strength Nano-Cementitious Composites Using Copper Slag” ACI Materials Journal, V. 117, Issue no. 4, pp 37-46, July2020- **WOS&SCOPUS**
5. Vidyapriya V, Gopala Krishnan R, Sheeja R and Karthika R. “An integrated framework for high-resolution urban flood modelling using geospatial technology: A Case study of Adayar sub basin”, International Journal of Disaster Recovery and Business Continuity Vol.11, No. 1, (2020), pp. 2264–2269.- **SCOPUS**
6. R.Gopalakrishnan, Mohan, “Strength and durability of fly ash and Quarry dust light weight foam concrete”, Materials today Proceedings (Elsevier) 22(2020) Jan.2020, PP 1117-1124.- **SCOPUS**
7. R.Gopalakrishnan, “Electrical Indication of binary Cementitious materials with steel fibres ability to resist the low permeability of Concrete” Materials today Proceedings (Elsevier), 27(2020),March,2020, pp1235-1240- **SCOPUS**
8. R.Gopalakrishnan, “Ductile and brittle effects of fibre reinforcements in low calcium cementitious Matrix”, Materials today Proceedings (Elsevier), 27(2020), pp1273-77.-**SCOPUS**

9. R. Dinesh Kumar, P.T.Ravichandran, K Divya Krishnan, “Use of Quarry Dust with Recycled Coarse Aggregate in Sustainable Self Compacting Concrete” Journal of Green Engineering, Volume-10, Issue-4, pp- 1297-1311, April 2020.- **SCOPUS**
10. G.Prabha , R.Dinesh Kumar, “Alteration for Fine Aggregate of Concrete with the Use of M-Sand and Low Density Polypropylene Plastic Waste as Sustainable Solution” Journal of Green Engineering (JGE) Volume-10, Issue-5, pp - 2291–2303.May 2020- **SCOPUS**
11. Vigneshwar P V, Lenin Dhal, “Flexural Behaviour of Welded Mesh Reinforced Concrete Slab”, International Journal of Current Engineering and Scientific Rech (IJCESR),Volume-7, Issue-8, October – 2020- **SCOPUS**
12. M Jothilakshmi, K.S Dhayachandhran, N Hariharan, S Suriya, “Design of Water Networking Using District”, Journal of Green Engineering (JGE), Volume-10, Issue-5, May 2020- **SCOPUS**
13. S.Christi, A.Arunraj, V.Venkatesan, R.Logaraja, “Study on Behavior of Sustainable Ferrocement Overlay Beam using M-Sand”, Journal of Green Engineering, Volume-10, Issue-1, January 2020.- **SCOPUS**
14. K. Srividhya, A. Mohan, M. Tholkapiyan, A. Arunraj, “Earth quake disaster mitigation (EQDM) through engineering design” Materials Today: Proceedings, PP 1074-1077, January 2020.- **SCOPUS**
15. Shaik Numan Mahdi, R Dushyanth V Babu, A.Arunraj, A.Shashishankar, “Strength Evolution of Eco-friendly Geopolymer Mortar Under Ambient Temperature”, Journal of Green Engineering, Volume-10, Issue-3, March2020.- **SCOPUS**
16. K.S. Dhaya chandhran , M. Jothilakshmi , A. Mohan , “Performance evaluation and R-value analysis for thermally insulated PCM wall with fluted sheets”, Materials today Proceedings (Elsevier) 22(2020) Jan.2020, PP 1117-1124.- **SCOPUS**
17. M. Tholkapiyan, A.Mohan, Vijayan.D.S, "A survey of recent studies on chlorophyll variation in Indian coastal waters", IOP Conf. Series: Materials Science and Engineering 993 (2020) 012041. - **SCOPUS**
18. A. Mohan , Saravana Karthika , J. Ajith , Lenin dhal , “Investigation on ultra high strength slurry infiltrated multiscale fibre reinforced concrete”, Materials today Proceedings (Elsevier) 22(2020) Jan.2020, PP 904-911.- **SCOPUS**
19. R.Gopalakrishnan, Mohan, “Characterisation on Toughness Property of Self-Compacting Fibre Reinforced Concrete”, Journal of Environmental Protection and Ecology 21, No 6, 2153–2163 (2020).- **SCOPUS & WOS**

